

*09/729,226*

DOCUMENT-IDENTIFIER: US 5591593 A

TITLE: Minimum recognition unit of a PEM mucin tandem repeat specific monoclonal antibody and detection method using same

DATE-ISSUED: January 7, 1997

## INVENTOR-INFORMATION:

NAME Courtenay-Luck; Nigel S.	CITY London	STATE	ZIP CODE	COUNTRY GB
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US-CL-CURRENT: 435/7.23; 424/1.49, 424/9.1, 530/387.7, 530/388.8, 530/388.85, 530/391.3[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KDDIC](#) [Drawn Desc](#) [Image](#)[Generate Collection](#)[Print](#)

Term	Documents
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MUCIN.USPT.	1785
MUCINE.USPT.	33
MUCINO.USPT.	7
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Feb 13, 2001

DOCUMENT-IDENTIFIER: US 6187558 B1

TITLE: Invertebrate intestinal mucin cDNA and related products and methods

Brief Summary Text (5):

Mucins are highly O-glycosylated proteins. Carbohydrate moieties on mucins commonly account for more than 50% of the protein by weight. The biochemistry and molecular biology of mucins from vertebrates has been broadly investigated, with human epithelial mucins being the most extensively studied. Several mucins from humans and other vertebrates have been completely or partially sequenced, and this has contributed to a greater understanding of their structure and function. Full cDNA sequences for human mucin MUC1, MUC2, and MUC7, have been obtained. In addition, mucins from other vertebrates, including mouse MUC- 1, rat ascites sialo-glycoprotein-1, canine tracheobronchial mucin, bovine submaxillary mucin-like protein, and frog IIM-A.1, have also been fully sequenced by cDNA cloning.

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1. Document ID: US 6187558 B1

L1: Entry 1 of 3

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US-PAT-NO: 6187558

DOCUMENT-IDENTIFIER: US 6187558 B1

TITLE: Invertebrate intestinal mucin cDNA and related products and methods

DATE-ISSUED: February 13, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Granados; Robert R.	Ithaca	NY		
Wang; Ping	Ithaca	NY		

US-CL-CURRENT: [435/69.1](#); [435/252.3](#), [435/320.1](#), [435/325](#), [536/23.5](#)[Full](#)[Title](#)[Citation](#)[Front](#)[Review](#)[Classification](#)[Date](#)[Reference](#)[Sequences](#)[Attachments](#)[Claims](#)[KMC](#)[Draw Desc](#)[Image](#)

2. Document ID: US 5833943 A

L1: Entry 2 of 3

File: USPT

Nov 10, 1998

US-PAT-NO: 5833943

DOCUMENT-IDENTIFIER: US 5833943 A

TITLE: Minimum recognition unit of a pem mucin tandem repeat specific monoclonal antibody

DATE-ISSUED: November 10, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Courtenay-Luck; Nigel Stephen	London			GB

US-CL-CURRENT: [424/1.49](#); [424/138.1](#), [424/152.1](#), [424/156.1](#), [424/9.1](#), [435/7.23](#), [435/7.9](#), [530/387.7](#), [530/388.8](#), [530/388.85](#), [530/391.3](#)[Full](#)[Title](#)[Citation](#)[Front](#)[Review](#)[Classification](#)[Date](#)[Reference](#)[Sequences](#)[Attachments](#)[Claims](#)[KMC](#)[Draw Desc](#)[Image](#)

3. Document ID: US 5591593 A

L1: Entry 3 of 3

File: USPT

Jan 7, 1997

US-PAT-NO: 5591593